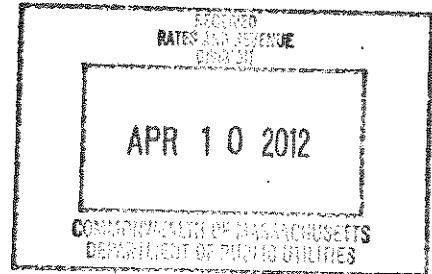


The Commonwealth of Massachusetts

Return
of the



Municipal Light Department of
the Town of Marblehead

to the

Department of Public Utilities
of Massachusetts

For the Year ended December 31,

2011

Name of officer to whom correspondence should
be addressed regarding this report:
Official title: General Manager

Robert V. Jolly, Jr.
Office address: P.O. Box 369
80 Commercial Street
Marblehead, MA 01945

TABLE OF CONTENTS

	Page	
General Information	3	
Schedule of Estimates	4	
Customers in each City or Town	4	
Appropriations Since Beginning of Year	5	
Changes in the Property	5	
Bonds	6	
Town Notes	7	
Cost of Plant	8- 8B	
Comparative Balance Sheet	10-11	
Income Statement	12	
Earned Surplus	12	
Cash Balances	14	
Materials and Supplies	14	
Depreciation Fund Account	14	
Utility Plant-Electric	15-17	
Production Fuel and Oil Stocks	18	
Miscellaneous Nonoperating Income	21	
Other Income Deductions	21	
Miscellaneous Credits to Surplus	21	
Miscellaneous Debits to Surplus	21	
Appropriations of Surplus	21	
Municipal Revenues	22	
Purchased Power	22	
Sales for Resale	22	
Electric Operating Revenues	37	
Sales of Electricity to Ultimate Consumers	38	
Electric Operation and Maintenance Expenses	39-42	
Taxes Charged During Year	49	
Other Utility Operating Income	50	
Income from Merchandising, Jobbing and Contract Work	51	
Sales for Resale	52-53	
Purchased Power (except Interchange)	54-55	
Interchange Power	56	
Electric Energy Account	57	
Monthly Peaks and Output	57	
Generating Station Statistics	58-59	
Steam Generating Stations	60-61	
Hydroelectric Generating Stations	62-63	
Combustion Engine and Other Generating Stations	64-65	
Generating Statistics (Small Stations)	66	
Transmission Line Statistics	67	
Substations	68	
Overhead Distribution Lines Operated	69	
Electric Distribution Services, Meters, and Line Transformers	69	
Conduit, Underground Cable and Submarine Cable	70	
Streetslamps	71	
Rate Schedule Information	79	
Signature Page	81	
FOR GAS PLANTS ONLY:	Page	Page
Utility Plant - Gas	19-20	Gas Generating Plant 74
Gas Operating Revenues	43	Boilers 75
Sales of Gas to Ultimate Customers	44	Scrubbers, Condensers & Exhausters 75
Gas Operation & Maintenance Expenses	45-47	Purifiers 76
Purchased Gas	48	Holders 76
Sales for Resale	48	Transmission and Distribution Mains 77
Sales of Residuals	48	Gas Distribution Services, House 77
Record of Sendout for the Year in MCF	72-73	Governors and Meters 78

PAGES INTENTIONALLY OMITTED : 9, 13, 23 TO 36, 72 TO 78, 80

GENERAL INFORMATION

1. Name of town (or city) making report.	Marblehead
2. If the town (or city) has acquired a plant: Kind of plant, whether gas or electric. Owner from whom purchased, if so acquired. Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws. Record of votes: First vote: Yes, ; No, Second vote: Yes, ; No, Date when town (or city) began to sell gas and electricity,	
3. Name and address of manager of municipal lighting:	
Robert V. Jolly, Jr. 80 Commercial Street	Marblehead, MA 01945
4. Name and address of mayor or selectmen:	
Jackie Belf-Becker Abbot Hall	Marblehead, MA 01945
Harry C. Christensen Jr. Abbot Hall	Marblehead, MA 01945
Judith R. Jacobi Abbot Hall	Marblehead, MA 01945
Bret T. Murray Abbot Hall	Marblehead, MA 01945
James E. Nye Abbot Hall	Marblehead, MA 01945
5. Name and address of town (or city) treasurer:	
Patricia Murray Widger Road	Marblehead, MA 01945
6. Name and address of town (or city) clerk:	
Robin A. Michaud Abbot Hall	Marblehead, MA 01945
7. Names and addresses of members of municipal light board:	
Philip W. Sweeney 26 South Street	Marblehead, MA 01945
Wilbur E. Bassett 22 Girdler Road	Marblehead, MA 01945
Calvin T. Crawford 26 Anderson Street	Marblehead, MA 01945
Walter E. Homan 31A Haley Road	Marblehead, MA 01945
Charles O. Phillips 51 Gregory Street	Marblehead, MA 01945
8. Total valuation of estates in town (or city) according to last State valuation (taxable)	\$5,099,945,846.00
9. Tax rate for all purposes during the year:	
	Residential \$10.52
	Open Space \$0.00
	Commercial/Industrial/Personal Property \$10.52
10. Amount of manager's salary:	\$163,495.53
11. Amount of manager's bond:	\$0.00
12. Amount of salary paid to members of municipal light board (each):	\$0.00

FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57 FOR GAS AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR, ENDING DECEMBER 31, NEXT.

		Amount
INCOME FROM PRIVATE CONSUMERS:		
1	From sales of gas	15,418,200.00
2	From sales of electricity	
TOTAL		15,418,200.00
3		
4		
5	EXPENSES	
6	For operation, maintenance and repairs	14,295,500.00
7	For interest on bonds, notes or scrip	
8	For depreciation fund (3% on 26,989,463.19 as per page 8 B)	809,683.90
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
TOTAL		15,105,183.90
13		
14		
15	COST:	
16	Of gas to be used for municipal buildings	
17	Of gas to be used for street lights	
18	Of electricity to be used for municipal buildings	824,190.55
19	Of electricity to be used for street lights	116,607.82
20	Total of above items to be included in the tax levy	940,798.37
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	940,798.37

CUSTOMERS

Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.	
City or Town	Number of Customers' Meters, Dec. 31	City or Town	Number of Customers' Meters, Dec. 31
NONE		Marblehead	10,633
TOTAL	0	TOTAL	10,633

APPROPRIATIONS SINCE BEGINNING OF YEAR

(Include also all items charged direct to tax levy, even where no appropriation is made or required.)

FOR CONSTRUCTION OR PURCHASE OF PLANT

*At meeting, to be paid from **

*At meeting, to be paid from **

TOTAL 0.00

FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR:

1. Street lights 118,483.28

2. Municipal buildings 749,264.14

3. TOTAL 867,747.42

* Date of meeting and whether regular or special

** Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

1. Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

In electric property:

* Replaced 2,037 meters as part of Smart Grid Investment Grant Advanced Metering Infrastructure Program.

* Replaced all conduit, cable, and transformers as part of the Schooner Ridge Road project.

* Completed construction on the replacement of conductors and related equipment in the business district as part of the Anderson circuit project.

In gas property:

Not applicable

Bonds (Issued on Account of Gas or Electric Lighting.)						
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest When Payable	Amount Outstanding at End of Year
			Amounts	When Payable		
03/04/1894	07/01/1894	50,000.00				
03/03/1908	07/01/1908	6,000.00				
10/29/1909	11/01/1909	30,000.00				
03/15/1973	11/15/1973	760,000.00	75,000.00	November 15	4.4 May 15 & Nov 15	NONE
03/03/1974	01/01/1975	477,891.00		Initial MMWEC Bonding - Transferred to MMWEC July 1978		
	TOTAL	1,323,891.00			TOTAL	NONE

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

* Date of meeting and whether regular or special

** List original issues of bonds and notes including those that have been repaid

Town Notes
(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest Rate	When Payable	Amount Outstanding at End of Year
			Amounts	When Payable			
	06/01/1895	10,000.00					
	12/01/1896	4,000.00					
	01/01/1902	9,500.00					
March 1927	01/02/1928	15,000.00					
March 1937	08/01/1938	38,000.00					
	TOTAL	76,500.00				TOTAL	NONE

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

* Date of meeting and whether regular or special

** List original issues of bonds and notes including those that have been repaid

TOTAL COST OF PLANT - ELECTRIC							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2	303 Misc Intangible Plant - Trans	2,327,602.99					2,327,602.99
3							
4		2,327,602.99	0.00	0.00	0.00	0.00	2,327,602.99
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
14	Total Steam Production Plant	0.00	0.00	0.00	0.00	0.00	0.00
15	B. Nuclear Production Plant						
16	320 Land and Land Rights						
17	321 Structures and Improvements						
18	322 Reactor Plant Equipment						
19	323 Turbogenerator Units						
20	324 Accessory Electric Equipment						
21	325 Miscellaneous Power Plant Equipment						
22	Total Nuclear Production Plant	0.00	0.00	0.00	0.00	0.00	0.00
23							

1. Report below the cost of utility plant in service according to prescribed accounts

2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c) or (d) as appropriate.

3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.

4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0.00	0.00	0.00	0.00	0.00	0.00
10	D. Other Production Plant						
11	340 Land and Land Rights	10,696.49					10,696.49
12	341 Structures and Improvements	312,769.33					312,769.33
13	342 Fuel Holders, Producers and Accessories	62,164.53					62,164.53
14	343 Prime Movers	345,344.72					345,344.72
15	344 Generators	747,526.53					747,526.53
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	1,478,501.60	0.00	0.00	0.00	0.00	1,478,501.60
19	Total Production Plant	1,478,501.60	0.00	0.00	0.00	0.00	1,478,501.60
20	3. Transmission Plant						
21	350 Land and Land Rights	40,900.00					40,900.00
22	351 Clearing Land and Rights of Way	1,851.50					1,851.50
23	352 Structures and Improvements	42,849.54					42,849.54
24	353 Station Equipment	35,999.02					35,999.02
25	354 Towers and Fixtures	240.78					240.78
26	355 Poles and Fixtures	55,174.33					55,174.33
27	356 Overhead Conductors and Devices	422,877.46	2,692.74				425,570.20
28	357 Underground Conduit	706,873.13					706,873.13
29	358 Underground Conductors and Devices	290,170.78					290,170.78
30	359 Roads and Trails						
31	Total Transmission Plant	1,596,936.54	2,692.74	0.00	0.00	0.00	1,599,629.28

TOTAL COST OF PLANT (Concluded)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	500.00					500.00
3	361 Structures and Improvements	1,040,971.30					1,040,971.30
4	362 Station Equipment	5,015,398.88	77,183.78				5,092,582.66
5	363 Storage Battery Equipment	44,977.99					44,977.99
6	364 Poles Towers and Fixtures	1,895,882.80	60,016.33	12,137.53			1,943,761.60
7	365 Overhead Conductors and Devices	2,606,021.31	194,218.18	27,918.40			2,772,321.09
8	366 Underground Conduit	2,187,082.33	103,402.53				2,290,484.86
9	367 Underground Conductors and Devices	2,231,026.96	20,883.18				2,251,910.14
10	368 Line Transformers	1,199,085.43	65,485.18	26,845.20			1,237,725.41
11	369 Services	491,393.94	24,654.24				516,048.18
12	370 Meters	901,318.65	1,106,157.79	28,970.04			1,978,506.40
13	371 Installations on Customer's Premises	78,203.70					78,203.70
14	372 Leased Prop on Customer's Premises	440,290.16	9,285.00	10,423.74			439,151.42
15	373 Streetlight and Signal Systems						
16	Total Distribution Plant	18,132,153.45	1,661,286.21	106,294.91	0.00	0.00	19,687,144.75
17	5. GENERAL PLANT						
18	389 Land and Land Rights	592,959.56					592,959.56
19	390 Structures and Improvements	582,104.19					582,104.19
20	391 Office Furniture and Equipment	602,960.11	168,113.00	100,269.60			670,803.51
21	392 Transportation Equipment						
22	393 Stores Equipment						
23	394 Tools, Shop and Garage Equipment						
24	395 Laboratory Equipment						
25	396 Power Operated Equipment						
26	397 Communication Equipment						
27	398 Miscellaneous Equipment						
28	399 Other Tangible Property	96,202.86	8,462.44				104,665.30
29	Total General Plant	1,874,226.72	176,575.44	100,269.60	0.00	0.00	1,950,532.56
30	Total Electric Plant in Service	25,409,421.30	1,840,554.39	206,564.51	0.00	0.00	27,043,411.18
31							Total Cost of Electric Plant.....
33							Less Cost of Land, Land Rights, Rights of Way.....
34							Total Cost upon which Depreciation is based.....

The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land value, should be taken as a basis for figuring depreciation.

COMPARATIVE BALANCE SHEET Assets and Other Debits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		UTILITY PLANT			
2	101	Utility Plant - Electric (P. 17)	12,709,864.11	13,282,644.83	572,780.72
3	101	Utility Plant - Gas (P. 20)			
4					
5		Total Utility Plant	12,709,864.11	13,282,644.83	572,780.72
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds			
13	126	Depreciation Fund (P. 14)	3,309,675.30	3,625,527.97	315,852.67
14	128	Other Special Funds	2,467,976.52	2,453,719.28	(14,257.24)
15		Total Funds	5,777,651.82	6,079,247.25	301,595.43
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	2,623,591.93	3,429,008.03	805,416.10
18	132	Special Deposits	18,214.89	71,581.58	53,366.69
19	135	Working Funds	500.00	500.00	0.00
20	141	Notes Receivable			
21	142	Customer Accounts Receivable	1,578,054.46	1,639,332.73	61,278.27
22	143	Other Accounts Receivable			
23	146	Receivables from Municipality	92,258.30	95,264.35	3,006.05
24	151	Materials and Supplies (P. 14)	91,716.55	85,062.54	(6,654.01)
25	171	Interest & Dividend Receivable	877.57	400.79	(476.78)
26	165	Prepayments	1,241,316.77	1,267,125.77	25,809.00
27	174	Miscellaneous Current Assets			
28		Total Current and Accrued Assets	5,646,530.47	6,588,275.79	941,745.32
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits			
33		Total Deferred Debits	0.00	0.00	0.00
34					
35		Total Assets and Other Debits	24,134,046.40	25,950,167.87	1,816,121.47

COMPARATIVE BALANCE SHEET Liabilities and Other Credits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		APPROPRIATIONS			
2	201	Appropriations for Construction	NONE	NONE	NONE
3		SURPLUS			
4	205	Sinking Fund Reserves			
5	206	Loans Repayment			
6	207	Appropriations for Construction Repayments			
7	208	Unappropriated Earned Surplus (P. 12)	21,104,203.55	22,406,280.21	1,302,076.66
8		Total Surplus	21,104,203.55	22,406,280.21	1,302,076.66
9		LONG TERM DEBT			
10	221	Bonds (P. 6)			
11	231	Notes Payable (P. 7)			
12		Total Bonds and Notes	NONE	NONE	NONE
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	1,090,316.20	1,198,506.85	108,190.65
15	234	Payables to Municipality (Water)			
16	235	Customers' Deposits	21,069.89	71,314.58	50,244.69
17	236	Taxes Accrued			
18	237	Interest Accrued			
19	242	Miscellaneous Current and Accrued Liabilities			
20		Total Current and Accrued Liabilities	1,111,386.09	1,269,821.43	158,435.34
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt			
23	252	Customer Advances for Construction			
24	253	Other Deferred Credits			
25		Total Deferred Credits	NONE	NONE	NONE
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	383,966.79	396,659.11	12,692.32
28	261	Property Insurance Reserve			
29	262	Injuries and Damages Reserves			
30	263	Pensions and Benefits Reserves	118,956.97	177,877.12	58,920.15
	264	Reserve for Rate Stabilization	900,000.00	900,000.00	0.00
31	265	Miscellaneous Operating Reserves	515,533.00	799,530.00	283,997.00
32		Total Reserves	1,918,456.76	2,274,066.23	355,609.47
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	NONE	NONE	NONE
35		Total Liabilities and Other Credits	24,134,046.40	25,950,167.87	1,816,121.47

State below if any earning of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used, and the amount thereof.

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P. 37 and 43)	15,064,321.98	(18,988.93)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	12,237,626.74	(20,011.49)
5	402 Maintenance Expense	906,251.57	5,726.36
6	403 Depreciation Expense	1,267,773.67	41,497.46
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)		
10	Total Operating Expenses	14,411,651.98	27,212.33
11	Operating Income	652,670.00	(46,201.26)
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	652,670.00	(46,201.26)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	356,495.80	279,013.74
17	419 Interest Income	35,345.25	1,499.97
18	421 Miscellaneous Nonoperating Income (P. 21)		
19	Total Other Income	391,841.05	280,513.71
20	Total Income	1,044,511.05	234,312.45
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions		
24	Total Income Deductions	NONE	NONE
25	Income Before Interest Charges	1,044,511.05	234,312.45
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes		
28	428 Amortization of Debt Discount and Expense		
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expense		
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	NONE	NONE
33	NET INCOME	1,044,511.05	234,312.45
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		21,104,203.55
35			
36			
37	433 Balance Transferred from Income		1,044,511.05
38	434 Miscellaneous Credits to Surplus (P. 21)		594,052.61
39	435 Miscellaneous Debits to Surplus (P. 21)		
40	436 Appropriations of Surplus (P. 21)	336,487.00	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	22,406,280.21	
43			
44	TOTALS	22,742,767.21	22,742,767.21

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	3,396,490.43	
2	Interest Fund		
3	Bond Fund		
4	Construction Fund	32,517.60	
5			
6			
7			
8			
9			
10			
11			
12	TOTAL	3,429,008.03	
MATERIALS AND SUPPLIES (Accounts 151-159, 163) Summary per Balance Sheet			
Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25)	33,159.63	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))	51,902.91	
17	Merchandise (Account 155)		
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)		
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)		
23	Total Per Balance Sheet	85,062.54	
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	3,309,675.30	
26	Income during year from balance on deposit (interest)	23,436.52	
27	Amount transferred from income (depreciation)	1,267,773.67	
28	Adjustment: Accounts Payable 12/31/11	42,792.50	
29	Y/E Transfer From Operating Cash/Smart Mtr Grant Reimbursement from DOE	827,195.80	
30	TOTAL	5,470,873.79	
31	CREDITS		
32	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	0.00	
33	Amounts expended for renewals,viz:-	1,834,834.43	
34	Adjustment: Accounts Payable 12/31/10	10,511.39	
35			
36			
37			
38			
39			
40	Balance on hand at end of year	3,625,527.97	
41	TOTAL	5,470,873.79	

UTILITY PLANT - ELECTRIC

1. Report below the cost of utility plant in service preceding year. Such items should be included in effect of such amounts.
 according to prescribed accounts column (c). 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).
 2. Do not include as adjustments, corrections of 3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2	303 Misc Intangible Plant Transmission	846,352.21		116,380.15			729,972.06
3		846,352.21	0.00	116,380.15	0.00	0.00	729,972.06
4							
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
14	Total Steam Production Plant	0.00	0.00	0.00	0.00	0.00	0.00
15	B. Nuclear Production Plant						
16	320 Land and Land Rights						
17	321 Structures and Improvements						
18	322 Reactor Plant Equipment						
19	323 Turbogenerator Units						
20	324 Accessory Electric Equipment						
21	325 Miscellaneous Power Plant Equipment						
22	Total Nuclear Production Plant	0.00	0.00	0.00	0.00	0.00	0.00
23							

UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights	10,696.49					10,696.49
3	331 Structures and Improvements	0.00		3,108.23			0.00
4	332 Reservoirs, Dams and Waterways	10,224.52		17,375.92			7,116.29
5	333 Water Wheels, Turbines and Generators	135,497.08		37,611.57			118,121.16
6	334 Accessory Electric Equipment	37,854.04					242.47
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0.00	0.00	0.00	0.00	0.00	0.00
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	194,272.13	0.00	58,095.72	0.00	0.00	136,176.41
19	Total Production Plant	194,272.13	0.00	58,095.72	0.00	0.00	136,176.41
20	3. Transmission Plant						
21	350 Land and Land Rights	40,900.00					40,900.00
22	351 Clearing Land and Rights of Way	1,851.50					1,851.50
23	352 Structures and Improvements	10,233.07		2,142.48			8,090.59
24	353 Station Equipment	3,870.06		1,799.95			2,070.11
25	354 Towers and Fixtures	57.80		12.04			45.76
26	355 Poles and Fixtures	8,832.94		2,758.72			6,074.22
27	356 Overhead Conductors and Devices	197,437.10	2,692.74	21,143.87			178,985.97
28	357 Underground Conduit	300,919.65		35,343.66			265,575.99
29	358 Underground Conductors and Devices	134,397.03		14,508.54			119,888.49
30	359 Roads and Trails						
31	Total Transmission Plant	698,499.15	2,692.74	77,709.26	0.00	0.00	623,482.63

UTILITY PLANT -- ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	500.00					500.00
3	361 Structures and Improvements	810,811.41		52,048.57			758,762.84
4	362 Station Equipment	3,206,789.77	77,183.78	250,769.94			3,033,203.61
5	363 Storage Battery Equipment	23,237.30		2,248.90			20,988.40
6	364 Poles Towers and Fixtures	574,596.51	60,016.33	95,390.77			539,222.07
7	365 Overhead Conductors and Devices	2,057,189.20	194,218.18	131,121.18			2,120,286.20
8	366 Underground Conduit	1,314,614.95	103,402.53	110,042.39			1,307,975.09
9	367 Underground Conductors and Devices	1,188,740.10	20,883.18	111,551.35			1,098,071.93
10	368 Line Transformers	677,157.03	65,485.18	59,954.27			682,687.94
11	369 Services	292,685.42	24,654.24	24,569.70			292,769.96
12	370 Meters	600,832.40	1,106,157.79	45,065.93			1,661,924.26
13	371 Installations on Customer's Premises			3,910.19			29,056.20
14	372 Leased Prop on Customer's Premises		9,285.00	22,014.51			88,056.46
15	373 Streetlight and Signal Systems						
16	Total Distribution Plant	10,880,906.45	1,661,286.21	908,687.70	0.00	0.00	11,633,504.96
17	5. GENERAL PLANT						
18	389 Land and Land Rights						
19	390 Structures and Improvements	0.00					0.00
20	391 Office Furniture and Equipment	38,142.42		38,142.42			0.00
21	392 Transportation Equipment	51,691.75	168,113.00	60,295.98			159,508.77
22	393 Stores Equipment						
23	394 Tools, Shop and Garage Equipment						
24	395 Laboratory Equipment						
25	396 Power Operated Equipment						
26	397 Communication Equipment		8,462.44	8,462.44			0.00
27	398 Miscellaneous Equipment						
28	399 Other Tangible Property						
29	Total General Plant	89,834.17	176,575.44	106,900.84	0.00	0.00	159,508.77
30	Total Electric Plant in Service	12,709,864.11	1,840,554.39	1,267,773.67	0.00	0.00	13,282,644.83
31	104 Utility Plant Leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress	0.00					0.00
34	Total Utility Plant Electric	12,709,864.11	1,840,554.39	1,267,773.67	0.00	0.00	13,282,644.83

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)						
(Except Nuclear Materials)						
1. Report below the information called for concerning production fuel and oil stocks.						
2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.						
3. Each kind of coal or oil should be shown separately.						
4. Show gas and electric fuels separately by specific use.						
Kinds of Fuel and Oil						
Line No.	Item (a)	Total Cost (b)	Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year	33,530.33	14,989.99			
2	Received During Year	20,704.91	5,514.10			
3	TOTAL	54,235.24	20,504.09			
4	Used During Year (Note A)					
5	For Heating	13,261.30	5,814.10			
6	For Generation	7,814.31	3,426.00			
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	21,075.61	9,240.10			
13	BALANCE END OF YEAR	33,159.63	11,263.99			
Kinds of Fuel and Oil - continued						
Line No.	Item (g)	Quantity (h)	Cost (i)	Quantity (j)	Cost (k)	
14	On Hand Beginning of Year					
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

Note A -- Indicate specific purpose for which used, e.g., Boiler Oil, Make Oil, Generator Fuel, etc.

MISCELLANEOUS NONOPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	TOTAL	0.00
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	0.00
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16	Auditor's adjusting entries for year ended December 2010	594,052.61
17		
18		
19		
20		
21		
22		
23	TOTAL	594,052.61
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24		
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	0.00
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	March 2011 Commission voted Net Surplus Revenue - Town of Marblehead	330,000.00
34	March 2011 Commission voted In-Lieu of Tax Payment - Town of Salem	6,487.00
35		
36		
37		
38		
39		
40	TOTAL	336,487.00

MUNICIPAL REVENUES (Account 482,444)
(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)

Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)		
1		Not Applicable					
2							
3							
4		TOTALS					
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)		
5	444	Municipal	5,700,653	749,264.14	0.1314		
6							
7		Street Lighting	888,472	118,483.28	0.1334		
8							
9							
10							
11							
12		TOTALS	6,589,125	867,747.42	0.1317		
13							
14							
15							
16							
17							
18			0	0.00			
19		TOTALS	6,589,125	867,747.42	0.1317		

PURCHASED POWER (Account 555)

Line No.	Names of Utilities from Which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20	See Pages 54 & 55				
21					
22					
23					
24					
25					
26					
27					
28					
29		TOTALS	0	0.00	

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
30	See Pages 52 & 53				
31					
32					
33					
34					
35					
36					
37					
38					
39		TOTALS	0	0.00	

ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
 2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.
 3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.
 5. Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification

Line No.	Account (a)	Operating Revenues			Kilowatt-hours Sold			Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)		
1	SALES OF ELECTRICITY								
2	449 Miscellaneous Electric Sales	0.00	0.00	74,193,771	0	0	0	(268)	1
3	440 Residential Sales	10,640,766.42	(87,304.53)	111,123	5,290	8,741	9		
4	Storage Heat	11,240.48	1,113.39						
5	442 Commercial and Industrial Sales	1,553,283.22	(15,979.71)	9,944,908	81,446	1,189		264	
6	Small Commercial B Sales	1,846,417.81	37,261.35	14,770,010	246,376	60		0	
7	Large Commercial C Sales	749,264.14	28,789.24	5,700,653	251,987	110		0	
8	444 Municipal Sales	28,927.49	(1,003.33)	146,308	(5,085)	634		(2)	
9	Private Area Lights	39,457.42	(1,533.36)	333,363	(19,233)	134		(8)	
10	Hot Water	700.80	(2.18)	4,580	0	1		0	
11	Off Peak	118,483.28	(6,250.10)	888,472	(24,777)	1		0	
12	Street Lighting	14,988,541.06	(44,909.23)	106,093,208	267,078	10,879		(13)	
13	Total Sales to Ultimate Consumers	0.00	0.00	0	0	1		0	
14	447 Sales for Resale	14,988,541.06	(44,909.23)	106,093,208	267,078	10,880		(13)	
15	TOTAL SALES OF ELECTRICITY								
16	OTHER OPERATING REVENUES								
17	449-1 Provision For Rate Stabilization	0.00	0.00						
18	451 Miscellaneous Service Revenues	75,780.92	25,920.30						1,833,099.74
19	453 Sales of Water and Water Power								
20	454 Rent from Electric Property								
21	455 Interdepartmental Rents								
22	456 Other Electric Revenues								
23									
24									
25	Total Other Operating Revenues	75,780.92	25,920.30						
26	Total Electric Operating Revenue	15,064,321.98	(18,988.93)						105,204,736

* Includes revenues from application of fuel clauses \$

Total KWH to which applied

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales, contract sales and unbilled sales may be reported separately in total.

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	4	Residential	74,193,771	10,640,766.42	0.1434	8,731	8,751
2	13	Storage Heat	111,123	11,240.48	0.1012	8	9
3	5	Commercial	9,944,908	1,553,283.22	0.1562	1,188	1,189
4	6	Industrial	14,770,010	1,846,417.81	0.1250	59	60
5	9	Private Area St Lighting	146,308	28,927.49	0.1977	635	632
6	10	Hot Water	333,383	39,457.42	0.1184	139	129
7	3	Off Peak	4,580	700.80	0.1530	1	1
8	M	Municipal	5,700,653	749,264.14	0.1314	110	110
9	SL	Street Lighting	888,472	118,483.28	0.1334	1	1
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			106,093,208	14,988,541.06	0.1413	10,872	10,882

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year
 2. If the increases and decreases are not derived from previously reported figures, explain in footnote

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering		
5	501 Fuel		
6	502 Steam Expenses		
7	503 Steam from other sources		
8	504 Steam transferred -- Cr.		
9	505 Electric expenses		
10	506 Miscellaneous steam power expenses		
11	507 Rents		
	Total Operation	0.00	0.00
12	Maintenance:		
13	510 Maintenance supervision and engineering		
14	511 Maintenance of Structures		
15	512 Maintenance of boiler plant		
16	513 Maintenance of electric plant		
17	514 Maintenance of miscellaneous steam plant		
18	Total Maintenance	0.00	0.00
19	Total power production expenses -steam power	0.00	0.00
20	NUCLEAR POWER GENERATION		
21	Operation:		
22	517 Operation supervision and engineering		
23	518 Fuel		
24	519 Coolants and water		
25	520 Steam Expenses		
26	521 Steam from other sources		
27	522 Steam transferred -- Cr.		
28	523 Electric expenses		
29	524 Miscellaneous nuclear power expenses		
30	525 Rents		
31	Total Operation	0.00	0.00
32	Maintenance:		
33	528 Maintenance supervision and engineering		
34	529 Maintenance of Structures		
35	530 Maintenance of reactor plant		
36	531 Maintenance of electric plant		
37	532 Maintenance of miscellaneous nuclear plant		
38	Total Maintenance	0.00	0.00
39	Total power production expenses -nuclear power	0.00	0.00
40	HYDRAULIC POWER GENERATION		
41	Operation:		
42	535 Operation supervision and engineering		
43	536 Water for power		
44	537 Hydraulic expenses		
45	538 Electric expenses		
46	539 Miscellaneous hydraulic power generation expenses		
47	540 Rents		
48	Total Operation	0.00	0.00
49			

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - Continued		
2	Maintenance:		
3	541 Maintenance Supervision and engineering		
4	542 Maintenance of structures		
5	543 Maintenance of reservoirs, dams and waterways		
6	544 Maintenance of electric plant		
7	545 Maintenance of miscellaneous hydraulic plant		
8	Total maintenance	NONE	NONE
9	Total power production expenses - hydraulic power	NONE	NONE
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	370.27	(27,503.00)
13	547 Fuel	1,636.54	735.71
14	548 Generation Expenses	1,947.59	1,947.59
15	549 Miscellaneous other power generation expense		
16	550 Rents		
17	Total Operation	3,954.40	(24,819.70)
18	Maintenance:		
19	551 Maintenance supervision and engineering		
20	552 Maintenance of Structures		
21	553 Maintenance of generating and electric plant	78,213.49	18,045.69
22	554 Maintenance of miscellaneous other power generation plant	78,213.49	18,045.69
23	Total Maintenance	82,167.89	(6,774.01)
24	Total power production expenses - other power		
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	7,940,413.90	(183,952.65)
27	556 System control and load dispatching	1,530,755.11	(108,403.00)
28	557 Other expenses	9,471,169.01	(292,355.65)
29	Total other power supply expenses	9,553,336.90	(299,129.66)
30	Total power production expenses		
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		
34	561 Load dispatching		
35	562 Station expenses		
36	563 Overhead line expenses		
37	564 Underground line expenses		
38	565 Transmission of electricity by others		
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	NONE	NONE
42	Maintenance:		
43	568 Maintenance supervision and engineering		
44	569 Maintenance of structures		
45	570 Maintenance of station equipment	0.00	0.00
46	571 Maintenance of overhead lines		
47	572 Maintenance of underground lines		
48	573 Maintenance of miscellaneous transmission plant		
49	Total maintenance	0.00	0.00
50	Total transmission expenses	0.00	0.00

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation supervision and engineering		
4	581 Load dispatching (Operation Labor)		
5	582 Station expenses	70,260.89	4,007.17
6	583 Overhead line expenses		
7	584 Underground line expenses		
8	585 Street lighting and signal system expenses	2,664.46	(1,608.97)
9	586 Meter expenses	69,782.59	(14,822.46)
10	587 Customer installations expenses	42,386.14	(15,211.78)
11	588 Miscellaneous distribution expenses	145,387.75	1,494.70
12	589 Rents		
13	Total operation	330,481.83	(26,141.34)
14	Maintenance:		
15	590 Maintenance supervision and engineering	0.00	(2,021.04)
16	591 Maintenance of structures	35,878.41	2,090.60
17	592 Maintenance of station equipment	596,620.82	(40,935.61)
18	593 Maintenance of overhead lines	81,606.85	17,566.38
19	594 Maintenance of underground lines	4,675.08	(5,110.56)
20	595 Maintenance of line transformers		
21	596 Maintenance of street lighting and signal systems	1,893.97	337.91
22	597 Maintenance of meters		
23	598 Maintenance of miscellaneous distribution plant		
24	Total maintenance	720,675.13	(28,072.32)
25	Total distribution expenses	1,051,156.96	(54,213.66)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	98,988.90	1,985.05
29	902 Meter reading expenses	107,595.09	36,384.61
30	903 Customer records and collection expenses	270,987.19	3,227.39
31	904 Uncollectible accounts	65,000.00	35,000.00
32	905 Miscellaneous customer accounts expenses	153.31	75.35
33	Total customer accounts expenses	542,724.49	76,672.40
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and selling expenses	172,016.33	3,649.32
38	913 Advertising expenses		
39	916 Miscellaneous sales expenses		
40	Total sales expenses	172,016.33	3,649.32
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	206,004.89	46,678.47
44	921 Office supplies and expenses	185,359.60	39,720.14
45	922 Administrative expenses transferred - Cr		
46	923 Outside services employed	28,400.00	(424.70)
47	924 Property insurance	33,909.50	1,113.50
48	925 Injuries and damages	665.77	(9,250.13)
49	926 Employee pensions and benefits	1,221,377.30	162,196.98
50	928 Regulatory commission expenses		
51	929 Store Expense	41,563.62	2,949.22
52	930 Miscellaneous general expenses		
53	931 Rents		
54	Total operation	1,717,280.68	242,983.48

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont.		
2	Maintenance:		
3	932 Maintenance of general plant	36,952.33	(6,774.27)
4	933 Transportation	70,410.62	23,990.07
5	Total Maintenance	107,362.95	17,215.80
6	Total Administrative and General Expenses	1,824,643.63	260,199.28
7	Total Electric Operation and Maintenance Expenses	13,143,878.31	(12,822.32)

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
8	Power Production Expenses			
9	Electric Generation:			
10	Steam Power:			
11	Nuclear Power			
12	Hydraulic Power			
13	Other Power	3,954.40	78,213.49	82,167.89
14	Other Power Supply Expenses	9,471,169.01		9,471,169.01
15	Total Power Production Expenses	9,475,123.41	78,213.49	9,553,336.90
16	Transmission Expenses		0.00	0.00
17	Distribution Expenses	330,481.83	720,675.13	1,051,156.96
18	Customer Accounts Expenses	542,724.49		542,724.49
19	Sales Expenses	172,016.33		172,016.33
20	Administrative and General Expenses	1,717,280.68	107,362.95	1,824,643.63
21	Power Production Expenses	2,762,503.33	828,038.08	3,590,541.41
22	Total Electric Operation & Maint	12,237,626.74	906,251.57	13,143,878.31

23 Ratio of operating expenses to operating revenues 95.67%
 (carry out decimal two places, (e.g.. 0.00%)
 Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 22 (d), Depreciation (Acct 403) and Amortization (Acct 407)

24 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts. 2,102,731.48

25 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees) 27

TAXES CHARGED DURING THE YEAR									
Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(e)	(f)	(g)	(h)	(i)
1	Massachusetts Sales Tax	107,200.00	241000						
2									
3									
4									
5									
6									
7									
8									
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28	TOTALS	107,200.00							

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
 2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.
 3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.
 4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.
 5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.
 6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

OTHER UTILITY OPERATING INCOME (Account 414)

Report below the particulars called for in each column

Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2	N/A				
3					
4					
5					
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50					
51	TOTALS				

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)					
Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during the year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:	N/A			
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work				
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	0.00	0.00	0.00	0.00
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Materials				
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
33					
34					
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36					
37					
38					
39					
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41					
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43					
44					
45					
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48					
49	TOTAL COSTS AND EXPENSES	0.00	0.00	0.00	0.00
50					
51	Net Profit (or loss)	0.00	0.00	0.00	0.00

SALES FOR RESALE (Account 447) - Continued

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes

integrated).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers

7. Explain any amounts entered in column (n) such as fuel or other adjustments.

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kWh (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
		0	0.00			0.00	N/A	1
								2
								3
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								39
								40
								41
TOTALS:		0	0.00	0.00		0.00		42

PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in columns (g) and (h) should be actual based on monthly readings and

should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (j)	Voltage at Which Delivered (k)	Cost of Energy (Omit Cents)				Total (o)	KWH (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (l)	Capacity Charges (m)	Energy Charges (n)	Other Charges (i) **			
60 Minutes	22,900	7,922,460				279,467.93	\$0.0353	1
60 Minutes	22,900	45,710				82,900.94	\$1.8136	2
60 Minutes	22,900	4,015,120				847,947.56	\$0.2112	3
60 Minutes	22,900	6,114,288				891,029.38	\$0.1457	4
60 Minutes	22,900	8,822,300				1,132,360.79	\$0.1284	5
60 Minutes	22,900	9,605,106				1,362,468.86	\$0.1418	6
60 Minutes	22,900	1,183,746				178,522.45	\$0.1508	7
60 Minutes	22,900	186,640				138,762.79	\$0.7435	8
60 Minutes	22,900					62,378.66	N/A	9
60 Minutes	22,900	49,391,350				3,489,953.43	\$0.0707	10
								11
								12
								13
								14
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								16
								17
		87,286,720	0.00	0.00	0.00	8,465,792.79	\$0.0970	18
60 Minutes	22,900	1,634,380				(216,995.63)		19
								20
								21
								22
								23
								24
								30
								31
								32
								33
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								41
	TOTALS:	88,921,100	0.00	0.00	0.00	8,248,797.16	0.0928	42

INTERCHANGE POWER (included in Account 556)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.
 2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "X" in column (b).
 3. Particulars of settlements for interchange power

shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling, coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

A. Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of Company (a)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-hours		Net Difference (g)	Amount of Settlement (h)	
					Received (a)	Delivered (f)			
1	NEPEX				115,356,870	92,268,260	23,088,610	1,222,371.85	
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12					TOTALS	115,356,870	92,268,260	23,088,610	1,222,371.85

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	Interchange Expense	1,051,564.44
14		Nepool and Administration Expense	170,807.41
15			
16			
17			
18			
19			
20		TOTAL	1,222,371.85
21			

ELECTRIC ENERGY ACCOUNT				
Report below the information called for concerning the disposition of electric energy generated, purchased and interchanged for the year.				
Line No.	Item (a)			Kilowatt-hours (b)
1	SOURCES OF ENERGY			
2	Generation			
3	Steam			
4	Nuclear			
5	Hydro			
6	Other - Diesel			46,410
7	Total Generation			46,410
8	Purchases			88,921,100
9		(In (gross)	115,356,870	
10	Interchanges	< Out (gross)	92,268,260	
11		(Net (Kwh)		23,088,610
12		(Received		
13	Transmission for/by others (wheeling)	< Delivered		
14		(Net (Kwh)		
15	TOTAL			112,056,120
16	DISPOSITION OF ENERGY			
17	Sales to ultimate consumers (including interdepartmental sales)			106,093,208
18	Sales for resale			
19	Energy furnished without charge			
20	Energy used by the company (excluding station use):			
21	Electric department only			352,534
22	Energy losses			
23	Transmission and conversion losses			0
24	Distribution losses			5,610,378
25	Unaccounted for losses			
26	Total energy losses			5,610,378
27	Energy losses as percent of total on line 15	5.01%		
28		TOTAL		112,056,120

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.

2. Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation

as to the nature of the emergency.

3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)

4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.

5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

MARBLEHEAD

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	22,350	Monday	24	1900	Demand	10,610,950
30	February	21,330	Tuesday	1	1900	Demand	9,111,350
31	March	18,837	Monday	7	2000	Demand	9,175,460
32	April	16,542	Monday	4	2000	Demand	7,982,410
33	May	17,568	Monday	30	2100	Demand	8,222,280
34	June	22,500	Thursday	9	1700	Demand	8,810,440
35	July	31,185	Friday	22	1600	Demand	11,923,870
36	August	22,095	Monday	1	2100	Demand	10,448,440
37	September	20,466	Wednesday	14	2000	Demand	8,838,920
38	October	17,928	Monday	10	2000	Demand	8,622,740
39	November	19,909	Wednesday	23	1800	Demand	8,474,990
40	December	20,835	Sunday	18	1900	Demand	9,834,270
41						TOTAL	112,056,120

GENERATING STATIONS

GENERATING STATION STATISTICS (Large Stations)
(Except Nuclear, See Instruction 10)

1. Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Hw* or more of installed capacity and other stations of 500 Kw* or more of installed capacity (name plate ratings) (*10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.)

2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.

3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.

4. If peak demand for 60 minutes is not available, give that which is available, specifying period.

5. If a group of employees attends more than one generating station, report on line 11 the approximate average number of employees assignable to each station.

6. If gas is used and purchased on a term basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M. ct. ft.

7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense 501 and

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
1	Kind of plant (steam, hydro, int. com. Gas turbine)	Int. Comb.	Int. Comb.	
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)	Conventional	Conventional	
3	Year originally constructed	1938	1975	
4	Year last unit was installed	1948	1975	
5	Total installed capacity (maximum generator name plate ratings in kw)	1,136	5,500	
6	Net peak demand on plant-kilowatts (60 min.)	1,050	5,100	
7	Plant hours connected to load			
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water			
10	(b) When limited by condenser water			
11	Average number of employees	2	1	
12	Net generation, exclusive of station use	0	46,300	
13	Cost of plant (omit cents):			
14	Land and land rights	10,696.49		
15	Structures and improvements	71,936.95	240,832.38	
16	Reservoirs, dams, and waterways			
17	Equipment costs	306,084.48	848,951.30	
18	Roads, railroads, and bridges			
19	Total cost	388,717.92	1,089,783.68	
20	Cost per kw of installed capacity	370.21	213.68	
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor	39,106.75	39,106.75	
24	Fuel	0.00	7,814.31	
25	Supplies and expenses, including water	1,194.71	2,389.42	
26	Maintenance			
27	Rents			
28	Steam from other sources			
29	Steam transferred - Credit			
30	Total Production expenses	40,301.46	49,310.48	
31	Expenses per net Kw-hr (5 places)	N/A	1.06502	
32	Fuel: Kind	No 2 Fuel Oil	No 2 Fuel Oil	
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. Ft.) (Nuclear, Indicate)	Barrels	Barrels	
34	Quantity (units) of fuel consumed	0	83	
35	Average heat content of fuel (B.t.u. per lb. Of coal, per gal. Of oil or per cu. Ft. of gas)	138,000	138,000	
36	Average cost of fuel per unit del. f.o.b. plant	0	\$98.20	
37	Average cost of fuel per unit consumed	0	\$98.20	
38	Average cost of fuel consumed per million B.t.u.	0	\$16.94	
39	Average cost of fuel consumer per kw-hr net gen.	0	\$0.174	
40	Average B.t.u. per kw-hr net generation	0	10,504	
41				
42				

GENERATING STATION STATISTICS (Large Stations) -- Continued
(Except Nuclear, See Instruction 10)

547 as shown on Line 24

8. The items under cost of plant and production expenses represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses, however, do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined

operations with a conventional steam unit, the gas turbine should be included with the steam station.

10. If the respondent operates a nuclear power generating station submit: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses; (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (i)	Plant (j)	Line No.
*** NONE ***						1
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STEAM GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year.
2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of

lessor, date and term of lease, and annual rent. For any generating station, other than a leased station or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output,

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers			
				Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
1	*** NONE ***						
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STEAM GENERATING STATIONS -- Continued

expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
 4. Designate any generating station or portion thereof leased to another company and give name or lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Turbine-Generators*

Year Installed (h)	Type (l)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating In Kilowatts		Hydrogen Pressure**		Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating** (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)				
	*** NONE ***										1
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TOTALS											37

HYDROELECTRIC GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1	*** NONE ***						
2							
3							
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HYDROELECTRIC GENERATING STATIONS -- Continued

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
 4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.
 5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Water Wheels -- Continued			Generators						Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Design Head (h)	R.P.M. (l)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (i)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)		
		*** NONE ***								1
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TOTALS										39

**COMBUSTION ENGINE AND OTHER GENERATING STATIONS
(except nuclear stations)**

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent owner-

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers				
			Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Installed (f)	Belted or Direct Connected (g)
1	Commercial	80 Commercial	Diesel	Fairbanks Morse	1948	2	Direct
2	Wilkins 1	Woodfin Terrace	Diesel	General Motors	1975	2	Direct
3	Wilkins 2	Woodfin Terrace	Diesel	General Motors	1975	2	Direct
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36							
37							
38							
39							

COMBUSTION ENGINE AND OTHER GENERATING STATIONS-Continued
(except nuclear stations)

ship by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Prime Movers - Continued			Generators					Total Installed Generating Capacity In Kilowatts (name plate ratings) (q)	Line No.
Rated hp. of Unit (h)	Total Rated hp. of station Prime Movers (i)	Year installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit In Kilowatts (n)	Number of Units in Station (o)		
1600	1600	1948	4160	3	60	1136	1	1136	1
3600	3600	1975	4160	3	60	2750	1	2750	2
3600	3600	1975	4160	3	60	2750	1	2750	3
									4
									5
									6
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									36
									37
									38
									39
						TOTALS			

GENERATING STATION STATISTICS - (Small Stations)

1. Small generating stations, for the purpose of this schedule, are steam and hydro stations of less than 2,500 KW* and other stations of less than 500 KW* installed capacity (name plate ratings). (*10,000 KW and 2,500 KW, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more. 2. Designate any plant leased from others, operated under a license from the Federal Power Commission, or operated as a joint facility, and give a concise statement of the facts in a footnote. 3. List plants appropriately under subheadings for steam, hydro, nuclear, internal combustion engine and gas turbine stations. For nuclear, see instructions 10 page 66. 4. Specify if total plant capacity is reported in kva instead of kilowatts. 5. If peak demand for 60 minutes is not available, give that which is available, specifying period. 6. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, report as one plant.

Line No.	Name of Plant (a)	Year Const. (b)	Installed Capacity Name Plate Rating - KW (c)	Peak Demand KW (60 Min.) (d)	Net Generation Excluding Station Use (e)	Cost of Plant (Omit Cents) (f)	Plant Cost Per KW Inst. Capacity (g)	Production Expenses Exclusive of Depreciation and Taxes (Omit Cents)			Kind of Fuel (k)	Fuel Cost Per KWH Net Generation (Cents) 0.00 (l)
								Fuel (h)	Other (i)			
1												
2	N/A											
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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21												
22												
23												
24												
25												
26												
27												
28	TOTALS											

TRANSMISSION LINE STATISTICS								
Report information concerning transmission line as indicated below.								
Line No.	Designation		Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductors and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	Salem	Village-13 Sub	22.9 KV	Wood Pole	1.49			
2	Salem	Village-13 Sub	22.9 KV	Underground	0.98			
3	Village-13 Sub	Village-5 Sub	22.9 KV	Underground	0.07			
4	Village-13 Sub	Clifton Sub	13.2 KV	Wood Pole	1.40			
5	Village-13 Sub	Clifton Sub	13.2 KV	Wood Pole		2.40 *		
6	Village-13 Sub	Beacon Sub	13.2 KV	Wood Pole		1.30 *		
7	Village-13 Sub	Commercial Sub	13.2 KV	Underground	1.90			
8	Village-13 Sub	Creesy St	13.2 KV	Underground	1.01			
9	Creesy St	Commercial Sub	13.2 KV	Wood Pole		.97 *		
10	Creesy St	Beacon Sub	13.2 KV	Wood Pole		.70 *		
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
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34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47				TOTALS	6.85	5.37 *		

* where other than 60 cycle, 3 phase, so indicate.

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
 2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
 3. Substations with capacities of less than 5000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
 4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (f), (g), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner or other party is an associated company.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	Clifton Substation	Distribution	13,200	4,160		18,700	2	NONE	NONE	NONE	NONE
2	off Ames Road	Unattended									
3	Beacon Substation	Distribution	13,200	4,160		5,000	1	NONE	NONE	NONE	NONE
4	off Woodfin Terrace	Unattended									
5	Commercial Substation	Distribution	13,200	4,160		8,000	2	NONE	NONE	NONE	NONE
6	off Commercial St	Unattended									
7	Village-5 Substation	Distribution	22,900	4,160		30,000	2	NONE	NONE	NONE	NONE
8	off Village St	Unattended									
9	Village-13 Substation	Distribution	22,900	13,200		30,000	2	NONE	NONE	NONE	NONE
10	off Village St	Unattended									
11											
12											
13											
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18											
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20											
21											
22											
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24											
25											
26											
TOTALS						91,700	9	NONE	NONE	NONE	NONE

OVERHEAD DISTRIBUTION LINES OPERATED					
Line No.		Length (Pole Miles)			
		Wood Poles	Steel Towers	Total	
1	Miles -- Beginning of Year	88,129.00		88,129.00	
2	Added During Year	0.00		0.00	
3	Retired During Year	0.00		0.00	
4	Miles -- End of Year	88,129.00	0.00	88,129.00	
5					
6					
7	A.C. 3 Phase & 1 Phase	60 Cycles	2400/4160		
8			120/240		
9			120/208		
10			277/480		
11					
12					
13					
14					
15					
ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS					
Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	8,281	10,562	1,230	54,454.0
17	Additions during year:				
18	Purchased		414	20	812.5
19	Installed	20			
20	Associated with utility plant acquired				
21	Total Additions	20	414	20	812.5
22	Reductions during year:				
23	Retirements	8	343	17	510.0
24	Associated with utility plant sold				
25	Total Reductions	8	343	17	510.0
26	Number at end of year	8,293	10,633	1,233	54,756.5
27	In stock		353	111	7,903.5
28	Locked meters on customers' premises		21		
29	Inactive transformers on system				
30	In customers' use		10,237	1,122	46,853.0
31	In company's use		22		
32	Number at end of year		10,633	1,233	54,756.5

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)						
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1	Balance 12/31/2001:	24.606	57.36			
2	Additions 2002:					
3	Walnut St/Chestnut St to Atlantic Ave	5" pvc x 6 0.38				
4	Clifton Substation Risers					
5	- Spare #1 (Tedesco #2)	5" pvc x 2 0.12				
6	- Atlantic Ckt	5" pvc x 2 0.10				
7	- Clifton Ckt	5" pvc x 2 0.10				
8	- 1301 Feeder	5" pvc x 2 0.05				
9	- 1305 Feeder	5" pvc x 2 0.05				
10	- Humphrey Ckt	5" pvc x 2 0.05				
11	- Tedesco Ckt	5" pvc x 2 0.06				
12	- Spare #2	5" pvc x 2 0.08				
13	Crowninshield Road	4" pvc x 2 0.01				
14	Additions 2003:					
15	Clifton Sub - Garden Ckt *3		0.84			
16	Additions 2004:					
17	Green Street	4" pvc x 2 0.18				
18	Additions 2005:					
19	School Street	4" pvc x 2 0.03	0.09			
20	Essex Street	4" pvc x 2 0.03	0.09			
21	Humphrey Street	4" pvc x 2 0.08	0.24			
22	Highland Project	5" pvc x 2 0.29	0.87			
23	Clipper Way	5" pvc x 2 0.13	0.13			
24	Harvard Street	4" pvc x 2 0.04	0.04			
25	Thomas Circle	4" pvc x 2 0.03	0.03			
26	Additions 2006:					
27	Leggs Hill Road	4" pvc x 2 0.11	0.11			
28	Tower School	4" pvc x 2 0.07	0.07			
29	Additions 2007:					
30	YMCA	4" pvc x 2 0.19	0.19			
31	Westminster	5" pvc x 2 0.11	0.11			
32	Additions 2008:					
33	Highland Project	5" pvc x 2 0.10	0.30			
34	Causeway	5" pvc x 4 0.98				
35	Additions 2009:					
36	Village School	4" pvc x 2 0.09	0.27			
37	Crowninshield #22	4" pvc x 2 0.06	0.06			
38	Additions 2010:					
39	Tedesco Country Club	4" pvc x 2 0.04	0.06			
40	Stramski's Way	4" pvc x 2 0.21	0.11			
41	Additions 2011:					
42	National Grand Bank	4" pvc x 1 0.03	0.08			
43	Osborne Bidg Pleasant Street	4" pvc x 1 0.02	0.05			
44	Leggs Hill Road	4" pvc x 1 0.03	0.00			
45						
46						
47						
48						
49						
50						
51	TOTALS	28.456	61.10			
52	* Indicate number of conductors per cable.					

STREET LAMPS CONNECTED TO SYSTEM

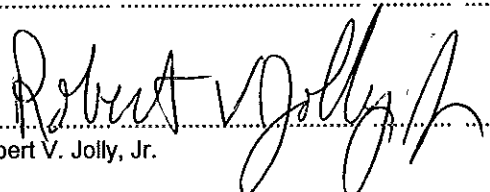
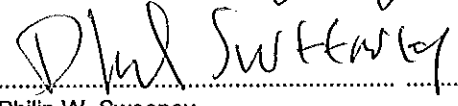
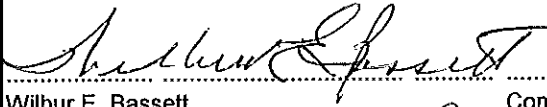
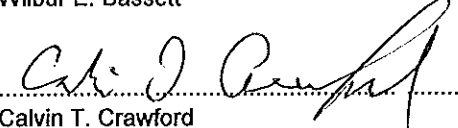
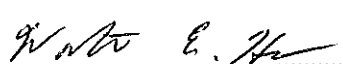
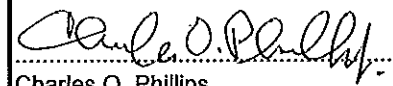
Line No.	City or Town (a)	Total (b)	Type							
			Incandescent		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Marblehead	1943	NONE	NONE	NONE	NONE	NONE	NONE	1943	NONE
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51										
52	TOTALS	1943	0	0	0	0	0	0	1943	0

RATE SCHEDULE INFORMATION

1. Attach copies of all Filed Rates for General Consumers
2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenues predicted on the previous year's operations.

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		See Attached For New Rates As Of June 2011		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....	Mayor
	
Robert V. Jolly, Jr.	Manager of Electric Light
.....	
	
Philip W. Sweeney	Commission Chairman
.....	
	
Wilbur E. Bassett	Commissioner
.....	Selectmen or
	
Calvin T. Crawford	Commissioner
.....	Members of the Municipal
	
Walter E. Homan	Commissioner
.....	Light Board
	
Charles O. Phillips	Commissioner

.....

INDEX

	Page
Appropriations of Surplus	21
Appropriations Since Beginning of Year	5
Bonds	6
Cash Balances	14
Changes in the Property	5
Combustion Engine and Other Generating Stations	64-65
Comparative Balance Sheet	10-11
Conduit, Underground Cable and Submarine Cable	70
Cost of Plant	8- 8B
Customers in each City or Town	4
Depreciation Fund Account	14
Earned Surplus	12
Electric Distribution Services, Meters, and Line Transformers	69
Electric Energy Account	57
Electric Operating Revenues	37
Electric Operation and Maintenance Expenses	39-42
General Information	3
Generating Station Statistics	58-59
Generating Statistics (Small Stations)	66
Hydroelectric Generating Stations	62-63
Income from Merchandising, Jobbing and Contract Work	51
Income Statement	12
Interchange Power	56
Materials and Supplies	14
Miscellaneous Credits to Surplus	21
Miscellaneous Debits to Surplus	21
Miscellaneous Nonoperating Income	21
Monthly Peaks and Output	57
Municipal Revenues	22
Other Income Deductions	21
Other Utility Operating Income	50
Overhead Distribution Lines Operated	69
Production Fuel and Oil Stocks	18
Purchased Power	22
Purchased Power Detailed (except Interchange)	54-55
Rate Schedule Information	79
Sales for Resale	22
Sales for Resale Detailed	52-53
Sales of Electricity to Ultimate Consumers	38
Schedule of Estimates	4
Signature Page	81
Steam Generating Stations	60-61
Streetlamps	71
Substations	68
Taxes Charged During Year	49
Town Notes	7
Transmission Line Statistics	67
Utility Plant-Electric	15-17

FOR GAS PLANTS ONLY:

	Page		Page
Boilers	75	Purifiers	76
Gas Distribution Services, House Governors and Meters	78	Record of Sendout for the Year in MCI	72-73
Gas Generating Plant	74	Sales for Resale	48
Gas Operating Revenues	43	Sales of Gas to Ultimate Customers	44
Gas Operation & Maintenance Expenses	45-47	Sales of Residuals	48
Holders	76	Scrubbers, Condensers & Exhausters	75
Purchased Gas	48	Transmission and Distribution Mains	77
		Utility Plant - Gas	19-20

LEGAL NOTICE
 Marblehead Municipal Light Department
 Notice of Changes to the Schedule of Prices for Electricity

Notice is hereby given by the Marblehead Municipal Light Department of changes to its schedule of prices for electricity as filed with the Massachusetts Department of Public Utilities, April 22, 2011 to become effective June 1, 2011, as follows:

Rate A (MDPU – 66) Residential Service

Basic Monthly Charge	\$ 4.25
All Kilowatt-hours	\$ 0.1425

Rate B (MDPU – 67) Small Commercial Service

Basic Monthly Charge	\$ 5.00
All Kilowatt-hours	\$ 0.15

Rate C (MDPU – 68) Large Commercial Service

Basic Monthly Charge	\$ 10.00
All kilowatts	\$ 5.70
All Kilowatt-hours	\$ 0.11
Minimum Monthly Charge	\$ 55.00

Rate G (MDPU – 70) Off Peak Water Heating (closed to new customers)

Basic Monthly Charge	\$ 4.25
All Kilowatt-hours	\$ 0.101

Rate F (MDPU – 69) Private Area Lighting

70 W HPS \$ 5.30/Mo	175 W MH \$ 13.65/Mo
150 W HPS \$ 11.25/Mo	250 W MH \$ 20.15/Mo
250 W HPS \$ 18.60/Mo	400 W MH \$ 31.65/Mo
400 W HPS \$ 29.65/Mo	

(the following services are closed to new customers)

500 W Q \$ 32.80/MO	60 W IN \$ 4.00/Mo
175 W MV \$ 12.00/Mo	75 W IN \$ 4.95/Mo
400 W MV \$ 27.30/Mo	150W IN \$ 10.75/Mo
1000 W MV \$ 65.50/Mo	

Rate S (MDPU – 71) Domestic Storage Heating (closed to new customers)

Basic Monthly Charge	\$ 4.25
All Kilowatt-hours	\$ 0.101

Rate EV (MDPU – 62) Electric Vehicle Service

Basic Monthly Charge	\$ 4.25
All Kilowatt-hours	\$ 0.101

Rate HPA (MDPU – 73) Hydro Power Adjustment

Applicable to MDPU – 66	No Change
-------------------------	-----------

Rate PPA (MDPU – 74) Purchase Power Adjustment

The Purchase Power Adjustment (PPA) is applicable to all filed retail rate schedules excepting MDPU - 73.

Rate PV (MDPU – 75) Photovoltaic Credit

Basic Monthly Charge	\$ 0.00
(if separate meter and socket)	\$ 4.25
All Kilowatt-hours received from the customer	\$ 0.099

Rate CPP (MDPU – 76) Critical Peak Pricing

	<u>Winter</u> Sep – May	<u>Summer</u> Jun - Aug
Basic Monthly Charge	\$ 4.25	\$ 4.25
Non CPP kilowatt-hours	\$ 0.1425	\$ 0.09
CPP kilowatt-hours	N/A	\$ 1.05

MARBLEHEAD MUNICIPAL LIGHT DEPARTMENT

Issued: April 22, 2011
Effective: June 01, 2011

MDPU - 66
Cancels MDTE - 56

Rate A

Available for lighting, space heating, water heating and all other domestic uses in a single private dwelling or individual apartment.

Monthly Charge

Basic Monthly Charge	\$ 4.25	per Month
All kilowatt-hours	\$ 0.1425	per kilowatt-hour

<u>Seasonal Service</u>	\$ 4.25	per Month
-------------------------	---------	-----------

Off-Peak Water Heating

Applicable to customers currently serviced under this rate; the Marblehead Municipal Light Department will make no further installations under this rate.

Basic Monthly Charge	\$ 4.50	per Month
All kilowatt-hours	\$ 0.1425	per kilowatt-hour

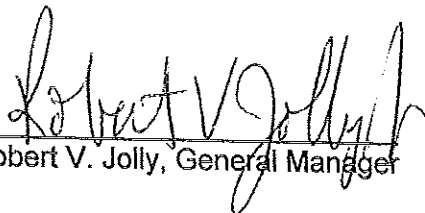
Terms and Conditions

The Department's terms and conditions in effect from time to time where not inconsistent with any specific provision of this tariff are part of this tariff.

All kilowatt-hour usage under this tariff is subject to the Purchase Power Adjustment Clause, MDPU - 74

All Terms and Conditions of this tariff are subject to applicable law

Marblehead Municipal Light Department
80 Commercial Street
P.O. Box 369
Marblehead, Massachusetts 01945

By: 
Robert V. Jolly, General Manager

MARBLEHEAD MUNICIPAL LIGHT DEPARTMENT

Issued: April 22, 2011
Effective: June 01, 2011

MDPU - 67
Cancels MDTE - 57

Rate B

Available for all purposes other than domestic uses where the monthly demand does not equal or exceed 30 kilowatts for three consecutive months

Monthly Charge

Basic Monthly Charge	\$ 5.00	per Month
All kilowatt-hours	\$ 0.15	per kilowatt-hour

<u>Seasonal Service</u>	\$ 5.00	per Month
-------------------------	---------	-----------

<u>Temporary Power</u>	\$ 30.00	per installation
------------------------	----------	------------------

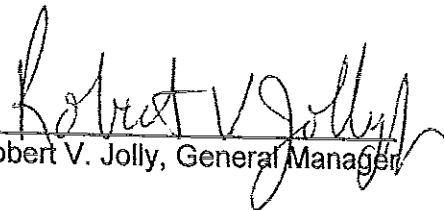
Terms and Conditions

The Department's terms and conditions in effect from time to time where not inconsistent with any specific provision of this tariff are part of this tariff.

All kilowatt-hour usage under this tariff is subject to the Purchase Power Adjustment Clause, MDPU - 74

All Terms and Conditions of this tariff are subject to applicable law

Marblehead Municipal Light Department
80 Commercial Street
P.O. Box 369
Marblehead, Massachusetts 01945

By: 
Robert V. Jolly, General Manager

MARBLEHEAD MUNICIPAL LIGHT DEPARTMENT

Issued: April 22, 2011
Effective: June 01, 2011

MDPU - 68
Cancels MDTE - 58

Rate C

Available for all purposes other than domestic uses where the monthly demand equals or exceeds 30 kilowatts for three consecutive months, provided that all electricity to any customer is delivered at a single location and furnished through one service and one meter unless any alternative electrical connection is determined by the Department to be more convenient

Monthly Charge

Basic Monthly Charge	\$ 10.00	per Month
Monthly Demand Charge	\$ 5.70	per kilowatt
All kilowatt-hours	\$ 0.11	per kilowatt-hour

Minimum Monthly Charge \$ 55.00 per Month

Measurement of Demand

Demand shall be the highest 15 minute kilowatt registration occurring in the billing month

Terms and Conditions

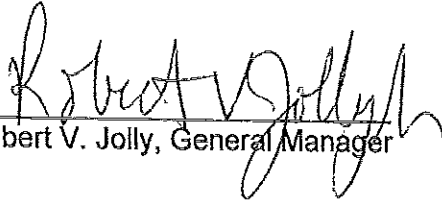
The Department's terms and conditions in effect from time to time where not inconsistent with any specific provision of this tariff are part of this tariff.

All kilowatt-hour usage under this tariff is subject to the Purchase Power Adjustment Clause, MDPU - 74

All Terms and Conditions of this tariff are subject to applicable law

The minimum term of service under this tariff is one year

Marblehead Municipal Light Department
80 Commercial Street
P.O. Box 369
Marblehead, Massachusetts 01945

By: 
Robert V. Jolly, General Manager

MARBLEHEAD MUNICIPAL LIGHT DEPARTMENT

Issued: April 22, 2011
 Effective: June 01, 2011

Cancels MDPU - 69
 MDTE - 59

Rate F

Available for all lighting of private areas provided that any and all poles meet Department standards and are installed prior to service commencement

Equipment and Service Provided

The Department will furnish and install a standard street light fixture with necessary wiring and will replace bulbs and furnish the electricity to operate the lights during the same daily hours as the streetlights. The customer is obligated to notify the Department when a bulb is broken or burnt out. No credit will be given for the time a unit is inoperative because of lack of notification.

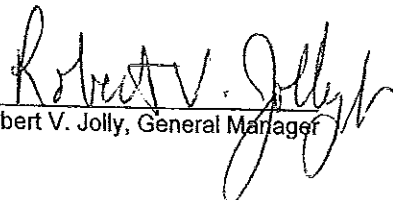
	<u>Approximate Lumens</u>	<u>Monthly kWh</u>	<u>Basic Monthly Charge</u>
<u>High Pressure Sodium</u>			
70 Watt	5220	30	\$ 5.30
150 Watt	8850	61	\$ 11.25
250 Watt	24750	110	\$ 18.60
400 Watt	45000	160	\$ 29.65
<u>Metal Halide</u>			
175 Watt	10350	70	\$ 13.65
250 Watt	17000	100	\$ 20.15
400 Watt	28800	160	\$ 31.65
<u>Mercury Vapor</u> (existing customers only – no new installations)			
175 Watt Street Type	6800	72	\$ 12.00
400 Watt Flood Type	18400	154	\$ 27.30
1000 Watt Flood Type	46000	374	\$ 65.50
<u>Quartz Iodine</u> (existing customers only – no new installations)			
500 Watt Flood Type	10500	170	\$ 32.80
<u>Incandescent</u> (existing customers only – no new installations)			
60 Watt	750	21	\$ 4.00
75 Watt	950	26	\$ 4.95
150 Watt	2050	52	\$ 10.75

Terms and Conditions

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All kilowatt-hour usage under this tariff is subject to the Purchase Power Adjustment Clause, MDPU - 74

Marblehead Municipal Light Department
 80 Commercial Street
 P.O. Box 369
 Marblehead, Massachusetts 01945

By: 
 Robert V. Jolly, General Manager

MARBLEHEAD MUNICIPAL LIGHT DEPARTMENT

Issued: April 22, 2011
Effective: June 01, 2011

MDPU - 70
Cancels MDTE - 60

Rate G - (Existing Customers – No New Installations)

Available for electricity used for heating water in approved storage type tanks of not less than 50 gallons capacity, where conditions permit supplying such water heating during off-peak hours without requiring additional distribution investment by the Department, subject to the following conditions:

- 1) Heating element capacity shall be not less than 4500 Watts
- 2) The customer shall wire to the water heater using approved cable or conduit and provide a trough with wire to a separate meter socket. The meter and time control will be supplied by the Department
- 3) Service will be supplied under this tariff only during such hours as the Department may determine from time to time to meet conditions affecting the spare capacity available for this service but, in any event, not less than eighteen (18) hours daily

Monthly Charge

Basic Monthly Charge	\$ 4.25	per Month
All kilowatt-hours	\$ 0.101	per kilowatt-hour

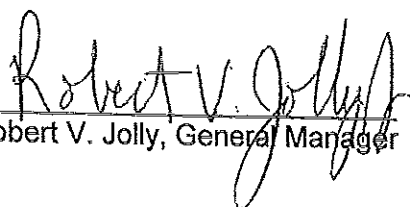
Terms and Conditions

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MDPU - 71
Cancels MDTE - 61

Rate S - (Existing Customers – No New Installations)

Available for electricity used for electric thermal storage in approved storage heat tanks in a domestic single private dwelling or individual apartment during off-peak hours without requiring additional distribution investment by the Department, subject to the following conditions:

- 1) The customer shall wire to the storage heater using approved cable or conduit and provide a trough with wire to a separate meter socket. The meter and time control will be supplied by the Department
- 2) Service will be supplied under this tariff only during such hours as the Department may determine from time to time to meet conditions affecting the spare capacity available for this service but, in any event, not less than twelve (12) hours daily

Monthly Charge

Basic Monthly Charge	\$ 4.25	per Month
All kilowatt-hours	\$ 0.101	per kilowatt-hour

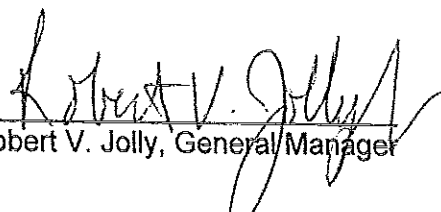
Terms and Conditions

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Cancels MDPU - 72
MDTE - 62

Rate EV

Available for electricity used for the sole purpose of charging and/or re-charging of an all electric vehicle owned and operated by the customer of record. The vehicle must be registered as a private or commercial vehicle in the Commonwealth of Massachusetts, subject to the following conditions:

- 1) The customer shall be responsible for supplying an approved separate service and a Department approved meter socket for the installation of an interruptible meter and control switch. The location of the service and meter socket must be adjacent to the existing location unless otherwise determined by the Department. All installations must be approved by the local inspector of Wires
- 2) Service will be supplied under this tariff will be subject to interruption at the sole discretion of the Department. It is the intent of the department, however, to have electric service available for use under this tariff between the hours of 11:00 P.M. and 7:00 A.M. daily

Monthly Charge

Basic Monthly Charge	\$ 4.25	per Month
All kilowatt-hours	\$ 0.101	per kilowatt-hour

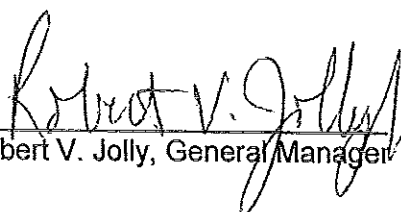
Terms and Conditions

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MDPU - 73
Cancels MDTE - 63

Hydro Power Adjustment Clause

The hydro power cost savings adjustment (credit) is applicable only to residential rate schedule A, MDPU 66.

The calculated power supply cost savings to the Department from its allocation of hydroelectric power from the Power Authority of New York (NYPA) shall be credited to residential customers on Schedule A as governed by Federal and State regulations. The savings per household shall be shown as a "Hydro Credit" item on the bill.

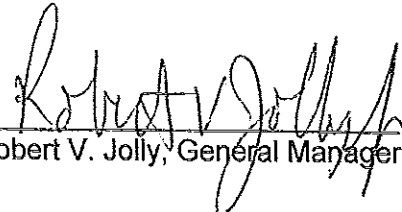
The determination of the Hydro Credit shall be made by calculating, in dollars, the reduction in the monthly power supply and transmission cost which has resulted from the Department's allocation of NYPA energy and capacity in the second preceding month to the current billing month.

Terms and Conditions

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MDPU - 74
Cancels MDTE - 64

Purchase Power Adjustment Clause

The Purchase Power Adjustment Clause is applicable to all filed retail schedules excepting MDPU - 73.

The Purchase Power Adjustment is determined by calculating the total cost of power to the Department in the second preceding billing month, in dollars and \$/kilowatt-hour. If the calculated \$/kilowatt-hour are greater or less the embedded power cost recovered in each retail tariff, the Department may add a charge or credit respectively, on a per kilowatt-hour basis, to each kilowatt-hour of metered consumption in the billing month. The calculation is as follows:

$$\text{Purchase Power Adjustment (\$/kWh)} = [(A / B) - C]$$

Where:

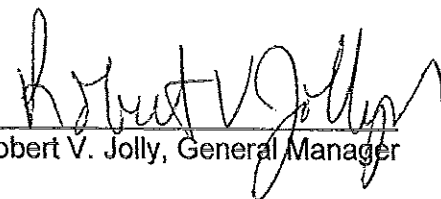
- A = The total dollars of all purchased power and transmission bills adjusted for NYPA power pursuant to MDPU - 73, Accounts 555, 557 and 565;
- B = The forecast of total kilowatt-hours to be billed in the period;
- C = The average cost of power embedded in all applicable rate schedules in \$/kWh.

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MDPU - 75
Cancels New

PV Credit

The photovoltaic (PV) credit is applicable to solar arrays of 10 kW or less.

- 1) The customer shall be responsible for supplying a Department approved meter socket with separate disconnect switch. The Department will install a bi-directional meter to measure the delivered and received kilowatt-hours. The Department may charge customers for costs associated with installing additional meter requirements.

Monthly Charge

Basic Monthly Charge	\$ 0.00
(If separate meter and socket)	\$ 4.25 per Month

Monthly Credit

All kilowatt-hours received from the customer	\$ 0.099 per kilowatt-hour
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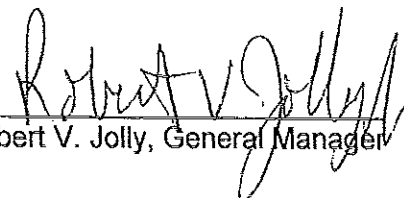
Terms and Conditions

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MDPU - 76
Cancels New

Rate CPP

Available for lighting, space heating, water heating and all other domestic uses in a single private dwelling or individual apartment. The Critical Peak Period will only occur between the hours of 12pm and 6pm on twelve non-holiday weekdays during the months of June, July, and August.

Monthly Charge

	<u>Winter</u> Sep – May	<u>Summer</u> Jun - Aug
Basic Monthly Charge	\$ 4.25 per Month	\$ 4.25 per Month
Non CPP kilowatt-hours	\$ 0.1425 per kilowatt-hour	\$ 0.09 per kilowatt-hour
CPP kilowatt-hours	N/A	\$ 1.05 per kilowatt-hour

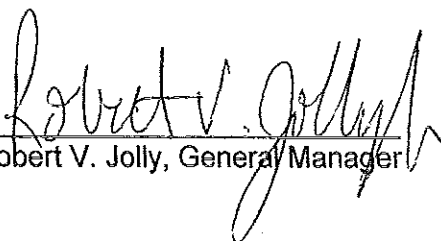
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